

R315. Environmental Quality, Solid and Hazardous Waste.

R315-306. Incinerator Standards.

R315-306-2. Requirements for Large Incinerators.

(1) These standards apply to any incinerator facility designed to incinerate more than ten tons of solid waste per day.

(2) A[~~n~~] new incinerator facility shall be subject to the location standards of Section R315-302-1 with the exception of the following Subsections: R315-302-1(2)(a)(iv) and (v), R315-302-1(2)(e), and R315-302-1(3).

Rule change makes it clear that the siting criteria apply only to new facilities and makes the rule equivalent to the siting for landfills.

(3) Each owner or operator of an incinerator facility shall comply with Section R315-302-2. The submitted plan of operation shall also address alternative storage, or disposal plans for all breakdowns that would result in overfilling the storage facility.

(4) The submitted plan of operation shall also contain a written waste identification plan which shall include identification of the specific waste streams to be handled by the facility, generator waste analysis requirements and procedures, waste verification procedures at the facility, generator certification of wastes shipped as being non-hazardous, and record keeping procedures, including a detailed operating record.

(5) Each incinerator facility shall be surrounded by a fence, trees, shrubbery, or natural features so as to control access and be screened from the view of immediately adjacent neighbors, unless the tipping floor is fully enclosed by a building. Each site shall also have an adequate buffer zone of at least 50 feet from the operating area to the nearest property line in areas zoned residential to minimize noise and dust nuisances.

(6) Solid waste shall be stored temporarily in storage compartments, containers or areas specifically designed to store wastes. Storage of wastes other than in specifically designed compartments, containers or areas is prohibited. Equipment and space shall be provided in the storage and charging areas, and elsewhere as needed, to allow periodic cleaning as may be required to maintain the plant in a sanitary and clean condition.

(7) A composite sample of the ash and residues from each incinerator facility shall be taken according to a sampling plan approved by the Executive Secretary.

(a) The sample shall be analyzed by the U.S. EPA Test Method 1311 as provided in 40 CFR Part 261, Appendix II, 2000 ed., Toxic Characteristics Leaching Procedure (TCLP) to determine if it is hazardous.

(b) If the ash and residues are found to be nonhazardous, they shall be disposed at a permitted landfill or recycled.

(c) If the ash and residues are found to be hazardous, they shall be disposed in a permitted hazardous waste disposal site.

(8) Each incinerator must be located, designed, constructed and operated in a manner to comply with appropriate state and local air pollution control authority emission and operating requirements.

(9) An incinerator must collect and treat all run-off from the active areas of the site that may result from a 25-year storm event, and divert all run-on for the maximum flow of a 25-year storm around the site.

(10) All-weather roads shall be provided from the public highways or roads, to and within the disposal site and shall be designed and maintained to prevent traffic congestion hazards, dust, and noise pollution.

(11) Access to the incinerator site shall be controlled by means of a complete perimeter fence or other features and gates which shall be locked when an attendant is not at the gate to prevent unauthorized entry of persons or livestock to the facility.

(12) The plan of operation shall include a training program for new employees and annual review training for all employees to ensure safe handling of waste and proper operation of the equipment.

(13) Each owner or operator shall post signs at the facility which indicate the name, hours of operation, necessary safety precautions, types of wastes that are prohibited, and any other pertinent information.

(14) Each owner or operator of an incinerator facility shall be required to provide recycling facilities in a manner equivalent to those specified for landfills in Subsection R315-303-4(6).

(15) Each owner or operator of an incinerator facility shall implement a plan that will inspect loads or take other steps, as approved by the Executive Secretary, to prevent the disposal of prohibited hazardous waste or prohibited waste containing PCB's in a manner equivalent to those specified for landfills in Subsection R315-303-4(7).

(16) Each owner or operator shall close its incinerator by removing all ash, solid waste, and other residues to a permitted facility.

(17) Each owner or operator of an incinerator facility shall provide financial assurance to cover the costs for closure of the facility that meets the requirements of Rule R315-309.

KEY: solid waste management, waste disposal

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